

**DECLARATION AND POWER OF ATTORNEY
UNDER 35 USC §371(c)(4) FOR
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that:
my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: EXTREME ULTRAVIOLET LIGHT SOURCE AND
EXTREME ULTRAVIOLET LIGHT SOURCE TARGET

described and claimed in international application number PCT/JP03/16947 filed December 26, 2003.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed by me or my legal representatives or assigns within one year prior to my international application are hereby claimed:

Japanese Patent Application No. 2003-085584 filed March 26, 2003

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

NONE

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;
Richard E. Rice, Reg. No. 31,560; and Paul Tsou, Reg. No. 37,956.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	<i>Typewritten Full Name of Sole or First Inventor</i>	Keiji	NAGAI
		Given Name	Family Name
2	Inventor's Signature:	長井 圭子	
3	Date of Signature:	Feb 9	2004
		Month	Day
	Residence:	Suita	Osaka
		City	State or Province
	Citizenship:	Japanese	JAPAN
		Country	
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University	
	(Insert complete mailing address, including country)	2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN	

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

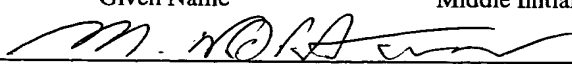
IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒
(Discard this page in a sole inventor application)

1 **Typewritten Full Name of Joint Inventor** Hiroaki NISHIMURA
 Given Name Middle Initial Family Name
 2 **Inventor's Signature:** 西村博明
 3 **Date of Signature:** Feb. 5 2004
 Month Day Year
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese
 Post Office Address: c/o Institute of Laser Engineering, Osaka University
 (Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

1 **Typewritten Full Name of Joint Inventor** Takayoshi NORIMATSU
 Given Name Middle Initial Family Name
 2 **Inventor's Signature:** 野村孝好
 3 **Date of Signature:** Feb. 5 2004
 Month Day Year
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese
 Post Office Address: c/o Institute of Laser Engineering, Osaka University
 (Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

1 **Typewritten Full Name of Joint Inventor** Katsunobu NISHIHARA
 Given Name Middle Initial Family Name
 2 **Inventor's Signature:** 西原功修
 3 **Date of Signature:** Feb. 5 2004
 Month Day Year
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese
 Post Office Address: c/o Institute of Laser Engineering, Osaka University
 (Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

1 **Typewritten Full Name of Joint Inventor** Noriaki MIYANAGA
 Given Name Middle Initial Family Name
 2 **Inventor's Signature:** 宮永重光
 3 **Date of Signature:** Jan. 26, 2004
 Month Day Year
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese
 Post Office Address: c/o Institute of Laser Engineering, Osaka University
 (Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

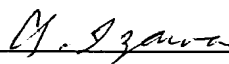
1 **Typewritten Full Name of Joint Inventor** Masahiro NAKATSUKA
 2 **Inventor's Signature:** 
 3 **Date of Signature:** Feb. 06 2004
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese

Post Office Address:

(Insert complete mailing address, including country)

c/o Institute of Laser Engineering, Osaka University

2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

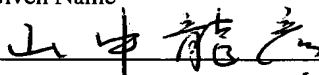
1 **Typewritten Full Name of Joint Inventor** Yasukazu IZAWA
 2 **Inventor's Signature:** 
 3 **Date of Signature:** Feb. 9 2004
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese

Post Office Address:

(Insert complete mailing address, including country)

c/o Institute of Laser Engineering, Osaka University

2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

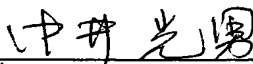
1 **Typewritten Full Name of Joint Inventor** Tatsuhiko YAMANAKA
 2 **Inventor's Signature:** 
 3 **Date of Signature:** Jan. 30 2004
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese

Post Office Address:

(Insert complete mailing address, including country)

c/o Institute of Laser Engineering, Osaka University

2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

1 **Typewritten Full Name of Joint Inventor** Mitsuo NAKAI
 2 **Inventor's Signature:** 
 3 **Date of Signature:** Feb. 5 2004
 Residence: Suita Osaka JAPAN
 City State or Province Country
 Citizenship: Japanese

Post Office Address:

(Insert complete mailing address, including country)

c/o Institute of Laser Engineering, Osaka University

2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

1	Typewritten Full Name of Joint Inventor	Keisuke		SHIGEMORI
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	重 森 啓 介		
3	Date of Signature:	Feb 5. 2004		
		Month	Day	Year
	Residence:	Suita	Osaka	JAPAN
		City	State or Province	Country
	Citizenship:	Japanese		
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University		
	(Insert complete mailing address, including country)	2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN		
1	Typewritten Full Name of Joint Inventor	Masakatsu		NURAKAMI
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	村上 匡 且		
3	Date of Signature:	2004. 1. 26		
		Month	Day	Year
	Residence:	Suita	Osaka	JAPAN
		City	State or Province	Country
	Citizenship:	Japanese		
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University		
	(Insert complete mailing address, including country)	2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN		
1	Typewritten Full Name of Joint Inventor	Yoshinori		SHIMADA
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	島 田 義 則		
3	Date of Signature:	Jan. 28, 2004		
		Month	Day	Year
	Residence:	Osaka	Osaka	JAPAN
		City	State or Province	Country
	Citizenship:	Japanese		
	Post Office Address:	c/o Institute for Laser Technology		
	(Insert complete mailing address, including country)	1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN		
1	Typewritten Full Name of Joint Inventor	Shigeaki		UCHIDA
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	内 田 成 明		
3	Date of Signature:	02	06	2004
		Month	Day	Year
	Residence:	Osaka	Osaka	JAPAN
		City	State or Province	Country
	Citizenship:	Japanese		
	Post Office Address:	c/o Institute for Laser Technology		
	(Insert complete mailing address, including country)	1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN		

1 **Typewritten Full Name of Joint Inventor**
 2 **Inventor's Signature:**
 3 **Date of Signature:**
 Residence:
 Citizenship:

Hiroyuki			FURUKAWA
Given Name	Middle Initial	Family Name	
古河 裕之			
02	06	2004	
Month	Day	Year	
Osaka	Osaka	JAPAN	
City	State or Province	Country	
Japanese			

Post Office Address:

(Insert complete mailing address, including country)
 c/o Institute for Laser Technology
 1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN

1 **Typewritten Full Name of Joint Inventor**
 2 **Inventor's Signature:**
 3 **Date of Signature:**
 Residence:
 Citizenship:

Atsushi			SUNAHARA
Given Name	Middle Initial	Family Name	
砂原 淳			
01	26	2004	
Month	Day	Year	
Osaka	Osaka	JAPAN	
City	State or Province	Country	
Japanese			

Post Office Address:

(Insert complete mailing address, including country)
 c/o Institute for Laser Technology
 1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN

1 **Typewritten Full Name of Joint Inventor**
 2 **Inventor's Signature:**
 3 **Date of Signature:**
 Residence:
 Citizenship:

Vasilli			ZHAKHOVSKI
Given Name	Middle Initial	Family Name	
Feb	6	2004	
Month	Day	Year	
Osaka	Osaka	JAPAN	
City	State or Province	Country	
Russian			

Post Office Address:

(Insert complete mailing address, including country)
 c/o Institute for Laser Technology
 1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN

1 **Typewritten Full Name of Joint Inventor**
 2 **Inventor's Signature:**
 3 **Date of Signature:**
 Residence:
 Citizenship:

Ryouji			MATSUI
Given Name	Middle Initial	Family Name	
松井 亮二			
Jan	26	2004	
Month	Day	Year	
Suita	Osaka	JAPAN	
City	State or Province	Country	
Japanese			

Post Office Address:

(Insert complete mailing address, including country)
 c/o Graduate School of Engineering, Osaka University
 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**DESIGNATION OF TEN ATTORNEYS
FOR POWER OF ATTORNEY**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

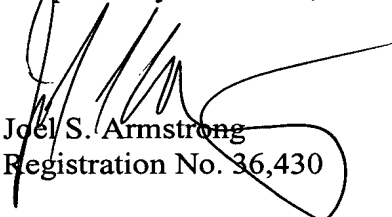
Sir:

This serves as a separate paper in compliance with 37 CFR §1.32(b) indicating that the following ten patent practitioners named in the attached power of attorney are to be recognized by the Patent Office as being of record in the application to which the attached power of attorney is directed:

**James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Thomas J. Pardini, Reg. No. 30,411; Edward P. Walker, Reg. No. 31,450;
Robert A. Miller, Reg. No. 32,771; Mario A. Costantino, Reg. No. 33,565;
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;
Paul Tsou, Reg. No. 37,956; and Kirk M. Hudson, Reg. No. 27,562.**

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION
SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944,
TELEPHONE (703) 836-6400.**

Respectfully submitted,


Joel S. Armstrong
Registration No. 36,430

JSA/vcj

Date: September 22, 2005